

**UNITED STATES ENVIRONMENT PROTECTION AGENCY
REGION 5
EMERGENCY RESPONSE BRANCH
POLLUTION REPORT**

Date: October 8, 1999

From: Pete Guria, On-Scene Coordinator

To: K. Mould, USEPA, OERR, Washington D.C E-MAIL
R. Karl, USEPA, Chief ERB, Chicago, IL E-MAIL
B. Kush, USEPA, ERB, Chief OPRS, Chicago, IL E-MAIL
S. Jansen, USEPA, ERB, ESS, Chicago, IL E-MAIL
R. Pallesen, USEPA, ORC, Chicago, IL E-MAIL
M. Hans/ G. Narsete, USEPA, Office of Public Affairs E-MAIL
D. Jansen/R. Johnson, Illinois EPA E-MAIL
B. Evertts, Illinois EPA E-MAIL
J. Stepping, Christian County Solid Waste District VIA-FAX
S. Bellinski, Mayor, Pana, IL VIA-FAX
M. Henry, Senior Project Manager, Illinois DNR VIA-FAX
National Response Center, USCG, Washington, D.C VIA-FAX

Subject: South Central Terminal, CERCLA Removal Action,
Pana, Christian County, Illinois
Latitude: N 39° 22' 24.6" Longitude: W 89° 04' 57.2"

POLREP No.: 2

Reporting Period: October 1-8, 1999

Start Date: July 21, 1999

Completion Date:

CERCLIS ID #: ILD 084 309 210

Site ID No.: B5D5

Task Order No.: 35

Response Authority: CERCLA

NPL Status: Non-NPL

I. SITUATION:

- A. Removal activities fully underway at this former petroleum refinery. See POLREP No. 1, for background information. ERRS contractor Environmental Restoration (ER) has begun abatement of asbestos containing material (ACM) from process piping, tanks and vessels containing Thermal System Insulation (TSI). Demolition of emptied tanks and process piping continues. Identification and consolidation of wastes is also underway. Site has remained secure since 10/01.
- B. Weather conditions: temperatures have varied from the low 40's °F to the low 80's, with mostly clear skies. Rain began to fall the night of 10/7 and continued on and off 10/08. Although the rain has made a muddy mess of the site, it has not significantly affected removal activities.

II. ACTIONS TAKEN:

- A. Mobilized six additional ER crew members to assist with ACM removal activities. Removal of ACM from piping in and surrounding the asphalt plant began 10/01, and was completed 10/08. Began ACM removal in main refinery 10/08. Personal and perimeter air sampling conducted daily during abatement activities has shown fiber counts below the OSHA permissible exposure limit (PEL) of 0.1 fiber/cubic centimeter (f/cc). ACM is thoroughly wetted and placed in bags, then loaded into a special roll-off container for proper disposal.
- B. Began demolition and scrap out of empty tanks, and process piping 10/01. Tanks and piping are being cut up with trackhoe mounted hydraulic shear. To date a total of 12 tanks have been reduced to scrap metal. Scrap being stockpiled for shipment to yard for reclamation. Shipped 13 tons of scrap steel 10/08 to Granthem Trucking & Granite City Steel.
- C. Began consolidation of flammable liquids 10/05, for characterization and disposal. Began staging drums and small containers 10/06, for sampling and characterization.
- D. Security guard service obtained 10/08, to prevent unauthorized access during non-working hours. Minor trespass incident occurred the week of 9/27, that resulted in the theft of several APR respirators and a SCBA.
- E. ADM contractor continued to remove ammonium sulfate from on-site tanks and secondary containment structures. Please see Section V below.

III. PLANS

- A. Continue removal of ACM TSI and pipe insulation from process piping, tanks, and vessels. Mobilize four additional laborers to assist with ACM removal activities. Continue personal and perimeter air sampling to ensure wet method for ACM removal is effective.
- B. Continue to remove residual oil and flammable liquids from process pipelines, tanks and vessels. Characterize and consolidate liquids and solids for disposal characterization.
- C. Continue demolition of tanks and process piping as ACM and residual liquids are removed. Begin loading and transport of scrap steel for reclamation.
- D. Access the interior of Tank 90 to blend less viscous material and collect a sample for disposal analysis and characterization.
- E. ADM to continue removal of ammonium sulfate material from remaining two tanks and secondary containment structures.
- F. Begin disposal coordination for flammable, combustible, and non-hazardous waste streams.

IV. COSTS:

A. Case open.

B. Costs as of 10/07/1999:

	<u>Budgeted</u>	<u>Total To Date</u>	<u>Remaining</u>
ERRS	\$550,000	\$115,106	\$434,894
U.S. EPA - Direct	\$74,400	\$3,245	\$71,155
U.S. EPA - Indirect	\$122,000	\$5,340	\$116,660
START	<u>\$25,000</u>	<u>\$3,600</u>	<u>\$21,400</u>
Total	\$771,400	\$127,291	\$644,109

V. DISPOSITION OF WASTES:

- A. ADM continues to voluntarily remove liquid ammonium sulfate from tanks and secondary containment structures. Between October 1 - 7, approximately 121,800 gallons were removed from Tanks 115 & 116, and 46,200 gallons from the secondary containment surrounding Tank 32. To date only Tanks 115 and 32 contain NH_3SO_4 . All others have been emptied to within six inches from the bottom. It is expected that the remaining NH_3SO_4 will be removed by 10/16. A total of 357,000 gallons from tankage and 138,600 gallons from secondary containment structures has been removed to date. Material collected from the secondary containment structures continues to be applied to local farm fields as fertilizer.

End